File
SIC

This charter assumes that the present SIC Naval Systems Working Group, Aircraft Working Group, and the BW&CW Subcommittee will be under the direction of another USIB Committee. Until such transfer is established by the appropriate DCID, these SIC subunits will continue their activities as at present reporting to and responsible to STIC. This charter is for use within the STIC and for the information of others who may be interested. It is a "working-level" document, subject to modification as experience dictates.

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CONFIDENTIAL

23 October 1974

CHARTER

SCIENTIFIC AND TECHNICAL INTELLIGENCE COMMITTEE

Name of Committee

Because of the increased emphasis the Committee will place on foreign intelligence related to technology, the name of the Committee will be changed from Scientific Intelligence Committee to Scientific and Technical Intelligence Committee (STIC).*

Mission

The operating precept of the Scientific and Technical Intelligence Committee is to provide early warning of foreign scientific or technical advances, whether indigenous or imported, which could affect significantly the national security or national welfare of the United States. The mission of STIC is to develop and maintain a unified intelligence community approach to the production of foreign intelligence on developing scientific and technical areas in support of substantive national and multidepartmental objectives. The STIC will advise USIB on scientific and technical matters within the Committee's areas of concern. The STIC, in support of USIB, will also review, stimulate, guide, and coordinate collection activity and information processing in response to resource management objectives in these areas. The STIC will also provide a mechanism for the timely exchange of scientific and technical information for intelligence purposes related to the national security.

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* This name change and various subunit changes will become official when the appropriate DCID is approved.

Scope

The domain of STIC substantive responsibility will include, but will not necessarily be limited to intelligence on: physical and life sciences; engineering; technology; future technology; unconventional future weapon systems; and contributions to and participation in net assessments. Not included are those specific subjects falling under the purview of other USIB scientific and technical intelligence committees.

Objectives*

Priority Group I

- Determination of and response to priority needs of USIB and other senior level consumers, including the NIOs. The KIQs and other such instruments will guide the activity of the STIC, which will recommend KIQs in areas within its purview.

- Examination of present and future collection activities directed toward targets of STIC interest. In the areas under its cognizance, the STIC will assess collection and processing effectiveness, identify and reinforce insufficiently exploited activities, identify information gaps, and develop collection concepts for high-priority S&T issues.

- Examination of finished intelligence production activities of STIC interest throughout the Intelligence Community. In its assigned areas,

* These objectives and priorities will be reviewed frequently and adjusted as national needs change.

the STIC will identify important new production requirements, assess production coverage, identify and take steps to eliminate unjustified duplication, and recommend resource adjustments where required.

• Identification and assessment of critical issues involving interdisciplinary S&T activity or issues of a greater degree of complexity than that of a given technology or system. Such issues include technology transfer, assessment of the impact of specific foreign S&T achievements and capabilities on the United States, and assessment of human engineering and reliability research.

• Identification and assessment of critical technologies to provide early warning to policy makers of those technologies which could lead to the significant improvement or development of future foreign weapon systems or potential economic threats.

• Assessment of unconventional future weapon systems such as those based on laser technology.

Priority Group II

• With respect to specific technologies, assessment of Communist and Free World science and advanced technology which may impact on national interests and where an Intelligence Community position is desirable; both military-related and civilian technologies will be addressed. Such assessments may include special studies for support to SALT, MBFR, trade negotiations and trade control, and responses to KIQs.

• Coordination of Intelligence Community efforts to assess foreign science policies and objectives, including R&D management and decision making, and determination of foreign scientific and technical resources.

· Assessment and establishment of an Intelligence Community position regarding certain unidentified foreign activities and anomalies in the S&T area.

· Provision of suitable forums for the exchange of current S&T intelligence information on a timely basis.

Priority Group III

· Joint activities with other USIB Committees as well as with consumer organizations such as ARPA, DDR&E, the NSF and the Department of Commerce.

· Provision of staff support and representation, as required by USIB, for international conferences on scientific and technical intelligence, both here and abroad.

Specific Areas of S&T Responsibilities*

Priority Group I

- ASW technology
- Command, Control, and Communications (C^3) Technology
- Computers and computer sciences
- Electronics
- Guidance and control (including precision guided munitions -- PGM)
- Human engineering and reliability
- Lasers and other directed energy technologies
- Reconnaissance and surveillance technology

* The priorities will be reviewed frequently and adjusted as national needs change. Items within Groups are listed alphabetically. The listing is intended to suggest equality rather than prioritization within a group.

Priority Group II

- Energy conversion
- Geodesy and Gravimetry (G&G)
- Industrial production technology
- Manned aerospace and underseas life support systems
- Non-laser related electro-optics
- Ocean technology
- Propulsion
- Science and technology policies
- Transportation

Priority Group III

- Biomedical Science and Technology
- Earth sciences
- Materials and structures
- Physical sciences
- Space sciences

Organization

The STIC will have Subcommittees, Advisory Groups, Working Groups and a Secretariat. The organization of the STIC is intended to reduce the hierarchy to two levels and give new emphasis to the priorities and resource management role, raising it to the level held by traditional technical intelligence activities which should continue more or less

as before, with some redirection of effort. Both the Subcommittees and Advisory Groups are intended to be more or less permanent subunits with coequal status, the one dealing with priorities and resources and the other with substantive areas of concern. Working groups are coequal with the other subunits but are of a temporary or ad hoc nature tasked for a particular purpose and usually drawing their members from among the Subcommittee and Advisory Group members.

Subcommittees -- The STIC will have on a semipermanent basis a small number of subcommittees. Each will serve in a staff function to prepare management guidance on behalf of the STIC for the USIB on such matters as priorities, collection, and production within the limits of STIC responsibilities.

One subcommittee will identify on a continuing basis the key areas of current priority within the STIC charter. Such priorities should be related to the KIQs, the needs of NIOs, and the most important interests of top level consumers. They should also include important technologies which are just beginning to emerge and may not have reached the attention of upper management. In this latter role, the subcommittee will lean heavily on the STIC Advisory Groups. This subcommittee will monitor the adequacy of resources to meet these priorities and will report to STIC in support of IRAC. It will also recommend adjustment in the number of, and areas to be covered by, STIC Advisory Groups.

A second subcommittee will examine carefully all significant collection techniques being used and being planned which are totally or in part dedicated to collection in areas of STIC responsibilities. This subcommittee will seek to uncover undesirable duplication or gaps that may exist and will rank collection techniques in priority groupings as they apply to STIC responsibilities.

A third subcommittee will carry out a comparable examination of existing and planned production of intelligence for basically similar purposes to those stated above for collection.

Additional subcommittees, if any, would be directed only toward matters of management guidance and support rather than toward finished technical intelligence or current technical intelligence exchange. Working groups will not be a permanent part of any subcommittee, although such a group might be formed on an ad hoc basis with the approval of the STIC.

The subcommittees will include representatives only of the USIB or other agencies which have a major role to play. Those agencies not represented on a subcommittee will have an opportunity for review prior to submission to the STIC and for approval of subcommittee actions at the STIC level. STIC members or their alternates will normally serve as subcommittee chairmen and may serve as members.

Advisory Groups -- The early warning of significant foreign technical advances which may support military or civil development is a key function of the STIC. The Advisory Groups will have as their main purpose such alerting functions within their various technical areas. Each Advisory Group will serve as a forum for exchange and discussion of current intelligence and will arrange for special technical briefings for itself and for STIC when appropriate. In addition, the Advisory Groups may under special circumstances sponsor national or international conferences with USIB approval. The Advisory Groups should be informal but the number of participants should be limited to those who are actively involved unless special circumstances warrant that an exception be made. These groups usually would have no responsibilities for the production of finished intelligence, but may be asked to review documents and reports as appropriate. The initial number of groups and areas of coverage is tentative and will be adjusted by the STIC according to the recommendations of the Priorities and Resources Subcommittee.

Working Groups -- Only ad hoc working groups will be formed. They will be formed for the specific purpose of handling a well-defined high-priority task levied by the STIC. In some cases the task would be preparation of a technical intelligence report in a relatively narrow area.

In other cases the task would be the preparation of a report on an interdisciplinary subject of some breadth. In either case the composition of the working group should include only representatives of USIB or other agencies which have a major role to play. The members of the working groups as well as the chairman will usually be selected from among members of the Advisory Groups.

Initial Organization -- Initally the following sub-structure will be created.

Subcommittees

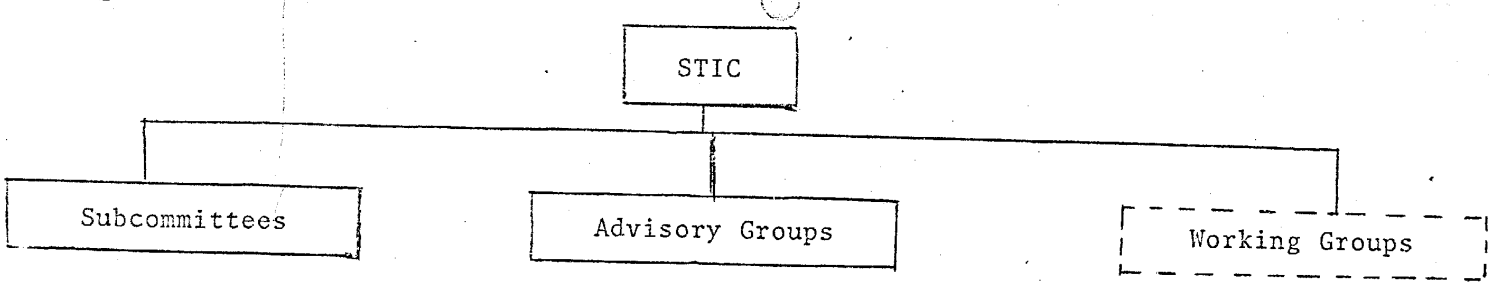
- Priorities and Resources
- Collection Program Evaluation
- Production Program Evaluation

Advisory Groups

- ASW Technology
- Behavioral and Human Engineering
- Biomedical Science and Technology
- Civil Technology
- Computers (joint with EIC)
- C^3 Technology
- Electronics
- Lasers and Electro-optics
- S&T Policies and Resources

Working Groups

- High Energy Laser Systems
- Military Implications of Technology Transfer



Subcommittees	Advisory Groups	Working Groups
• Chairman, appointed by Chairman, STIC, usually from among members/ alternates of STIC	• Chairman appointed by Chairman, STIC	• Chairman appointed by Chairman, STIC
• Semipermanent	• Semipermanent	• Temporary, with target goal
• Guidance for USIB on priorities and resource allocation in STIC areas of responsibility	• Early warning of significant foreign technologies, current intelligence exchange, review of certain intelligence reports, advice to STIC	• Specific task such as preparation of a report
• Members from among STIC member agencies	• Members from any concerned Agency	• Members usually from Subcommittees and Advisory Groups who have significant contributions to make

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Remarks:

FYI

Jack:

Is this something we should react to?

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NOT AT THIS TIME. WISHARD WAIT UNTIL DECISION IS REACHED REORGANIZATION OF GMAIC which would ABOLISH STIC WEAPONS

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